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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/601,584	06/24/2003	Aiko Okajima	016907-1566	8125
22428 7590 04/05/2007 FOLEY AND LARDNER LLP SUITE 500 3000 K STREET NW WASHINGTON, DC 20007			EXAMINER SINGH, SATWANT K	
			ART UNIT	PAPER NUMBER
			2625	
SHORTENED STATUTORY PERIOD OF RESPONSE		MAIL DATE	DELIVERY MODE	
3 MONTHS		04/05/2007	PAPER	

**Please find below and/or attached an Office communication concerning this application or proceeding.**

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

<b>Office Action Summary</b>	Application No.	Applicant(s)	
	10/601,584	OKAJIMA, AIKO	
	Examiner	Art Unit	
	Satwant K. Singh	2625	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 24 June 2003.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-12 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 24 June 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All    b) ☐ Some \*    c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)            | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | Paper No(s)/Mail Date. _____                                      |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>6/24/03</u> .   | 6) <input type="checkbox"/> Other: _____                          |

**DETAILED ACTION**

***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-5, and 10-12 are rejected under 35 U.S.C. 102(e) as being anticipated by Aritomi (US 2002/0180822).

3. Regarding Claim 1, Aritomi discloses an image forming apparatus comprising: a storing section which stores print jobs (LBP body 1500 inputs and stores print information) (page 2, paragraph [0045]); a print section which execute one print job extracted from the storing section (printer control unit 1000 converts the character information into a video signal and outputs the obtained signal to a laser driver) (page 3, paragraph [0046]); and a test print key to print (test printing through the UI), as a test, at least one page of special printing included in the print job to be executed in the print section (user can obtain a test result 507) by performing the test printing (page 4, paragraphs [0068]-[0069]).

4. Regarding Claim 2, Aritomi discloses an image forming apparatus, further comprising an input section which receives an input of a change in printing conditions

concerning the special printing (user designates tab paper printing through an UI of a printer driver) (page 4, paragraph [0068]).

5. Regarding Claim 3, Aritomi discloses an image forming apparatus, the print section holding a print job to be executed in the print section in waiting, if the print job includes special printing (Fig. 15, perform re-printing after confirmation of test printing) (Fig. 16, S1607) (page 7, paragraph [0012]).

6. Regarding Claim 4, Aritomi discloses an image forming apparatus, the special printing being printing on special paper other than plain paper (print output to N tab paper) (page 4, paragraph [0072]).

7. Regarding Claim 5, Aritomi discloses an image forming apparatus, the special paper being tab paper (N tab paper) (page 4, paragraph [0072]).

8. Regarding Claim 10, Aritomi discloses an image forming method comprising: extracting a print job including special printing from a storing section (created document is transferred to the printer 1500); receiving an input of changing printing conditions concerning the special printing included in the extracted print job (user designates tab paper printing through an UI of a printer driver) (page 4, paragraph [0068]); printing, as a test, at least one page of the special printing whose printing conditions has been changed (test printing is performed) (page 4, paragraph [0068]); and executing the print job including the test-printed special printing (Fig. 15, perform reprinting after confirmation of teat printing) (Fig. 16, S1607) (page 7, paragraph [0012]).

9. Regarding Claim 11, Aritomi discloses an image forming method, the special printing being printing on special paper other than plain paper (print output to N tab paper) (page 4, paragraph [0072]).

10. Regarding Claim 12, Aritomi discloses an image forming method, the special paper being tab paper (N tab paper) (page 4, paragraph [0072]).

***Claim Rejections - 35 USC § 103***

11. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

12. Claims 6-9 are rejected under 35 U.S.C. 103(a) as being unpatentable over Aritomi in view of Roosen et al. (US 6,894,793).

13. Regarding Claim 6, Aritomi teaches an image forming apparatus comprising: a receiving section which receives print jobs (HSTC 18) (page 3, paragraph [0057]); a storing section which stores the received print jobs (LBP body 1500 inputs and stores print information) (page 2, paragraph [0045]); a print section which executes one print job extracted from the storing section (printer control unit 1000 converts the character information into a video signal and outputs the obtained signal to a laser driver) (page 3, paragraph [0046]); a judging section which judges whether each of the print jobs received by the receiving section includes special printing or not (printer judges whether document is to be printed on the tab paper) (page 4, paragraph [0064]); receiving an input of changing printing conditions concerning the special printing included in the

Art Unit: 2625

selected print job (user designates tab paper printing through an UI of a printer driver) (page 4, paragraph [0068]); a test print key to print (test printing through the UI), as a test, at least one page of the special printing included in the print job to be executed in the print section (user can obtain a test result 507) by performing the test printing (page 4, paragraphs [0068]-[0069]); and a control section which extracts, from the storing section, the print job that is selected by the user by the input section, and make the print job executed by the print section with no change, and also makes the print job including the special printing, whose printing conditions have been changed through the input section, executed by the print section (Fig. 7, tab printing YES/NO) (page 5, paragraphs [0075]-[0077]).

Aritomi fails to teach an image forming apparatus comprising: a display section which displays a list of the print jobs judged as including special printing by the judging section; and an input section which receives selection of one print job from the print jobs on the displayed list by a user.

Roosen et al teach an image forming apparatus comprising: a display section which displays a list of the print jobs judged as including special printing by the judging section (displaying the waiting print jobs); and an input section which receives selection of one print job from the print jobs on the displayed list by a user (print jobs manipulated)(col. 5, lines 47-57).

Therefore it would have been obvious to one of ordinary skill in the art at the time of the invention to have combined the teachings of Aritomi with the teaching of Roosen

to allow a user to select a particular print job from multiple print jobs for printing on tab paper.

14. Regarding Claim 7, Aritomi teaches an image forming apparatus, the control section extracting the print job, which do not include special printing, from the storing section and making the print job executed by the print section (Fig. 7, S701, tab printing NO) (page 5, paragraph [0075]).

15. Regarding Claim 8, Aritomi teaches an image forming apparatus, the special printing being printing on special paper other than plain paper (print output to N tab paper) (page 4, paragraph [0072]).

16. Regarding Claim 9, Aritomi teaches an image forming apparatus, the special paper being tab paper (N tab paper) (page 4, paragraph [0072]).

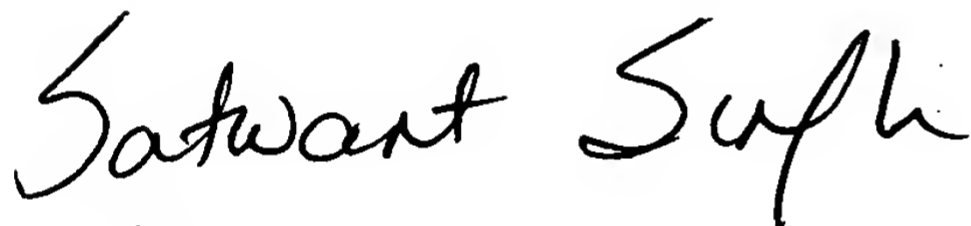
### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Satwant K. Singh whose telephone number is (571) 272-7468. The examiner can normally be reached on Monday thru Friday 8am - 4:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David K. Moore can be reached on (571) 272-7437. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

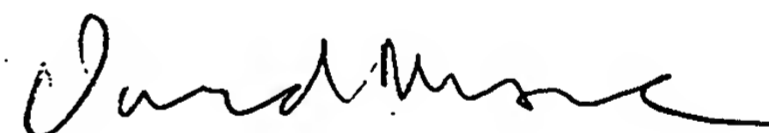
Art Unit: 2625

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



sks

Satwant K. Singh  
Examiner  
Art Unit 2625



**DAVID MOORE**  
**SUPERVISORY PATENT EXAMINER**  
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